IN THE CLAIMS

Please amend claims 1, 4 thru 7, 12, 13 and 15 as follows:

1. (Currently Amended) In an apparatus for controlling copying of content embodied in [[a]] an input video signal to be recorded, the apparatus comprising a video signal processor for separating a composite synchronizing signal from ~~a content containing~~ the input video signal ~~to be recorded~~, and for performing at least one of modulating and demodulating the input video signal, *the improvement comprising:*

first means for receiving the composite synchronizing signal and for detecting therefrom a copy-preventing signal; and

second means for generating a recording-prevention control signal to stop a recording of the content contained in the input video signal when the copy-preventing signal is detected by the first means[[.]];

wherein the first means comprises:

a pulse generator for generating a masking pulse in a predetermined interval of the composite synchronizing signal in which the copy-preventing signal is contained;

a first gate for providing as an output signal the composite synchronizing signal in the predetermined interval in which the masking pulse is generated;

an integrator for integrating the output signal from the first gate and for providing as an output an integrated signal, said integrated signal having an output level; and

a comparator for comparing the output level of the integrated signal with a

predetermined threshold value to determine whether the copy-preventing signal is ~~present in the video signal~~ detected.

Claim 2. (Canceled)

3. (Previously Presented) In the apparatus of claim 1, wherein the first means includes a second gate for removing a horizontal synchronizing signal from the composite synchronizing signal in the predetermined interval in which the masking pulse is generated.

4. (Currently Amended) In an apparatus for controlling copying of content embodied in [[a]] an input video signal to be recorded, the apparatus comprising a video signal processor for separating a composite synchronizing signal from ~~a content containing~~ the input video signal ~~to be recorded~~, and for performing at least one of modulating and demodulating the input video signal, *the improvement comprising:*

first means for receiving the composite synchronizing signal and for detecting therefrom a copy-preventing signal; and

second means for generating a recording-prevention control signal to stop a recording of the content contained in the input video signal when the copy-preventing signal is detected by the first means;

wherein the first means comprises a detector for indicating detection of [[a]] the

copy-preventing signal when a pulse count value in [[the]] a predetermined interval of the composite synchronizing signal is not less than a predetermined threshold value, said predetermined threshold value being not less than a sum of horizontal synchronizing signals and macrovision signals.

5. (Currently Amended) In the apparatus of claim 1, wherein the second means comprises a display unit for displaying information indicating that the content contained in the input video signal is copy-protected when the copy-preventing signal is detected by the first means.

6. (Currently Amended) In a method for controlling copying of content embodied in [[a]] an input video signal to be recorded, the method comprising the steps of separating a composite synchronizing signal from ~~a content containing~~ the input video signal ~~to be recorded~~, and performing at least one of modulating and demodulating the input video signal, the improvement comprising the further steps of:

(1) determining whether a copy command has been input;

(2) comparing a time T_1 read from a timer with an initially set threshold value T_0 when it is determined in step (1) that the copy command has been input;

(3) determining whether a copy-preventing signal is present in the input video signal ~~to be recorded~~ when it is determined in step (2) that $T_1 \geq T_0$; and

(4) refraining from copying the content embodied in the input video signal when it

is determined in step (3) that the copy-preventing signal is present in the input video signal ~~to be recorded~~.

7. (Currently Amended) In the method of claim 6, wherein step (4) further comprises displaying information indicating that the content embodied in the input video signal ~~to be recorded~~ is copy-protected.

8. (Previously Presented) In the method of claim 6, wherein the threshold value T_0 is set to a date on which aggressive protection of copyright becomes effective.

Claim 9. (Canceled)

10. (Previously Presented) In an apparatus for controlling copying of content embodied in a video signal, said apparatus comprising a dual deck video cassette recorder (VCR) having a reproducing deck VCR, a recording deck VCR, an FM copy signal processor for performing automatic gain control and waveform equalization without demodulating a video signal detected by a video head of the reproducing deck VCR, and a video signal processor for demodulating the video signal detected by the video head of the reproducing deck VCR and for separating a composite synchronizing signal from the demodulated video signal;

the improvement comprising

first means for receiving the composite synchronizing signal, and for detecting therefrom whether the composite synchronizing signal contains a copy-preventing signal;

second means for generating a recording-prevention control signal when the first means detects that the composite synchronizing signal contains the copy-preventing signal; and

third means for receiving the recording-prevention control signal and responsive thereto for causing the recording deck VCR not to record the content embodied in the video signal;

wherein the second means generates the recording-prevention control signal only after a date on which aggressive protection of copyright becomes effective.

Claim 11. (Canceled)

12. (Currently Amended) In the apparatus of claim 10, wherein the second means comprises a display unit for displaying [[the]] information indicating that the copy-preventing signal has been detected when the copy-preventing signal is detected.

13. (Currently Amended) In a process for manufacturing an apparatus for controlling copying of content embodied in [[a]] an input video signal to be recorded, the apparatus comprising a video signal processor for separating a composite synchronizing signal from ~~a content containing~~ the input video signal ~~to be recorded~~, and for performing

at least one of modulating and demodulating the input video signal, said process comprising the steps of:

(1) providing first means for receiving the composite synchronizing signal and for detecting therefrom a copy-preventing signal; and

(2) providing second means for generating a recording-prevention control signal adapted to stop a recording of the content embodied in the input video signal when the copy- preventing signal is detected by the first means;

wherein the first means comprises a detector for indicating detection of the copy-preventing signal when a pulse count value in a predetermined interval of the composite synchronizing signal is not less than a predetermined threshold value, said predetermined threshold value being not less than a sum of horizontal synchronizing signals and macrovision signals.

14. (Previously Presented) In a process for manufacturing an apparatus for controlling copying of content embodied in a video signal, said apparatus comprising a dual deck video cassette recorder (VCR) having a reproducing deck VCR, a recording deck VCR, an FM copy signal processor for performing automatic gain control and waveform equalization without demodulating a video signal detected by a video head of the reproducing deck VCR, and a video signal processor for demodulating the video signal detected by the video head of the reproducing deck VCR and for separating a composite synchronizing signal from the demodulated video signal; said process

comprising the steps of:

(1) providing first means for receiving the composite synchronizing signal and for detecting therefrom whether the composite synchronizing signal contains a copy-preventing signal;

(2) providing second means for generating a recording-prevention control signal when the first means detects that the composite synchronizing signal contains the copy-preventing signal; and

(3) providing third means for receiving the recording-prevention control signal and responsive thereto for causing the recording deck VCR not to record the content embodied in the video signal;

wherein the second means generates the recording-prevention control signal only after a date on which aggressive protection of copyright becomes effective.

15. (Currently Amended) In a process for manufacturing an apparatus for controlling copying of content embodied in [[a]] an input video signal to be recorded, the apparatus comprising a video signal processor for separating a composite synchronizing signal from ~~a content containing~~ the input video signal ~~to be recorded~~, and for performing at least one of modulating and demodulating the input video signal, said process comprising the steps of:

(1) providing first means for receiving the composite synchronizing signal and for detecting therefrom a copy-preventing signal; and

(2) providing second means for generating a recording-prevention control signal adapted to stop a recording of the content embodied in the input video signal when the copy- preventing signal is detected by the first means;

wherein the first means comprises:

a pulse generator for generating a masking pulse in a predetermined interval of the composite synchronizing signal in which the copy-preventing signal is contained;

a first gate for providing as an output signal the composite synchronizing signal in the predetermined interval in which the masking pulse is generated;

an integrator for integrating the output signal from the first gate and for providing as an output an integrated signal, said integrated signal having an output level; and

a comparator for comparing the output level of the integrated signal with a predetermined threshold value to determine whether the copy-preventing signal is ~~present in the video signal~~ detected.